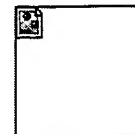


File copy
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Structure Explorer - 1CJY



Summary Information



Summary Information

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Title: Human Cytosolic Phospholipase A2

Compound: Mol_Id: 1; Molecule: Cytosolic Phospholipase A2; Chai B; Synonym: Cpla2; Ec: 3.1.1.4; Engineered: Yes

Authors: A. Dessen, J. Tang, H. Schmidt, M. Stahl, J. D. Clark, J. Seehra, W. S. Somers

Exp. Method: X-ray Diffraction

Classification: Hydrolase

EC Number: 3.1.1.4

Source: Homo sapiens

Primary Citation: Dessen, A., Tang, J., Schmidt, H., Stahl, M., Clark, J. D. Seehra, J., Somers, W. S.: Crystal Structure of Human Cytosolic Phospholipase A2 Reveals a Novel Topology a Catalytic Mechanism *Cell (Cambridge, Mass.)* 97 pp. 349 (1999)

[[Medline](#)]

Deposition Date: 20-Apr-1999

Release Date: 20-Apr-2000

Resolution [\AA]: 2.50

R-Value: 0.229

Space Group: P 21 21 2

Unit Cell: dim [\AA]: a 153.59 b 95.49 c 139.13

angles [$^\circ$]: alpha 90.00 beta 90.00 gamma 90.00

Polymer Chains: A, B

Residues: 1498

Atoms: 9706

HET groups:

ID	Name	Formula
CA	CALCIUM ION	4(Ca)
MES	N-(ETHYLSULFIDE)MORPHOLINE	2(C ₆ H ₁₃ N)